

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAY 10 2005

In re Application of:)
Victor R. HERRERO)
Serial No.: 09/896,657) Group Art Unit: 2124
Filed: June 29, 2001)
For: AUTOMATED ENTITLEMENT) Examiner: Trenton J. Roche
VERIFICATION FOR DELIVERY OF)
LICENSED SOFTWARE)

37 C.F.R. § 1.131 SUPPLEMENTAL DECLARATION

I, the undersigned, am the Applicant for the above-referenced patent application, hereby declare the following:

- 1) In a previous Office Action dated July 14, 2004, the pending claims of my above-identified patent application were rejected under 35 U.S.C. §102(e) and 35 U.S.C. § 103(a) based on U.S. Publication No. 2002/0174422 to Kelley et al., entitled "Software Distribution System" which filed on September 26, 2001 and is based on a provisional application filed on September 28, 2000 ("Kelley").
- 2) Although the Examiner on page 2 of the Office Action dated February 10, 2005, has considered and recognized the sufficiency of the 37 CFR 1.131 declaration filed on October 14, 2004, the inventor wishes to place supplemental information in the file history to evidence that the above-referenced patent application was reduced to a writing and to practice prior to the September 28, 2000 priority date of Kelley. In particular, the following document is from IBM's internal Library Management system which is used to schedule and manage the implementation of my invention.

I, the undersigned, declare all of the above statements are made on my own knowledge; the above statements are true and correct, and the above statements are made on information that I believe to be true. I understand that false statements or concealment in obtaining a patent will subject me to fine and/or imprisonment or both (18 U.S.C. §1001) and may jeopardize the validity of the above identified patent application or any application issuing therefrom.

Name: Victor R. Herrero Signature: Victor R. Herrero Date: May 6, 2005

Victor Herrero
Category: Design Notes
(Embedded image moved to file: pic18065.jpg)

Change Log:

Original.

Changes from meeting with SHI (blue, green).

Replace with latest update from GPS

Interface to SHI

SHI produces a file containing ISSI licensed product data daily and makes it available on an SHI server.

The file contains the following fields per row:

Product Identifier: alphanumeric string; up to 15 characters;
associates one or more ISSI package global names to a licensed
product.

Purchase Order Number: alphanumeric string, up to 15 characters;

equivalent to the License Code used to perform entitlement at installation time.

Quantity: numeric string (0-5); number of licenses ordered; used for reporting purposes only.

A new ISSI program, LicenseMaker (for now anyway...), retrieves input files from the SHI server. Once retrieved, it deletes the files from the SHI server (SHI may want to keep backup copies of these files).

SHI file

The program will run once nightly.

The naming convention for the file is ISSIymmdd.TBL

This is a flat text file with a header that displays the number of records that are contained in the file

LicenseMaker can use the first record to ensure that a complete file was received. If the file is incomplete or not found, LicenseMaker should record an error message in its log file and should notify OSP that an error was encountered (similar to PkgFinder).

OSP will delete the file from the SHI server after acknowledging the ftp of a "good" file

The file is available on the SHI server at 9:00 PM daily

SHI will send emails to clients at 2:00 AM daily

SHI will house a backup copy of the file

SHI will set up FTP id/pw with Delete access to the file

The Password will not expire

Email

Based on emails to other time zones, the email will state that there is a 24 hour window of availability to install from ISSI

A separate Email will be sent for each item on the order.

Link to IBM ISSI website to be included in the announce.

To-Do's

Setup FTP id/pw: Ed Ford - due AM

Dummy file for OSP: Ed Ford/Anthony DeStefano - due

Email context: Rich Westlein/Kathy Reece - due

Submit requirement to OSP to implement this solution: Kathy Reece - due

OSP

Entitlement File Creation

LicenseMaker will perform the following functions:

For each unique product identifier, create an entitlement file named productidentifier.tbl. The entitlement file must contain the list of unique code values received and associated quantities. Each code received must be unique. If the entitlement file already exists, then update it with the new codes received. If a duplicate code is received, the new code and quantity will replace the old values. The license quantity field is strictly for reporting purposes. It will not be used to determine entitlement.

The entitlement files will reside on an OSP server (e.g., ospdb). Once the entitlement files are created/updated, they are ftp'ed to the GWA staging area and mirrored to production. The entitlement files can be handled the same way that PkgFinder handles package server tables.

At this point, we do not have a requirement to delete of entitlement files.

Performing Entitlement Function

Packaging Requirements will include the product identifier associated with the ISSI package.

The ISSI Installation Web page will contain a new hidden field which will contain the product identifier associated with the package.

The ISSI Installation Web page will prompt the user for the lincense code. What should the prompt label be?

We may be asked to prompt the user for his Lotus Notes id. If so, the field would not be audited. Example's of Id format at the prompt. Transfer that input to the owner field in the application if applicable. IBM would always be the Business/Company name

The ISSI CGI script will look up the license code in the corresponding entitlement file. If found, the installation is allowed to continue. If not found, a message is displayed to the user (similar to the BRIO message).

The ISSI Helper Application will record the product identifier, license code, and Lotus Notes id in the centralized logs and reporting database, for potential reporting requirements.

The content of the entitlement files should also be stored in a new reporting database table for potential reporting requirements.

New folder for licensed applications. MS Office Folder would have sub-folders beneath for each component of Office, ie., Word, Excel, etc.

Library Management Record (Feature 2447) Opened on

prefix	5			
name	2447			
reference				
abstract	NCO 1781 - ISSI - Implement Licensed App Support			
duplicate				
component	Integration_Task			
state	closed			
age	75			
addDate		assignDate		
lastUpdate		responseDate		
endDate				
ownerLogin	vuozzo	originLogin	herrero	
ownerName	Vuozzo, Michael	originName	Vic Herrero	
ownerArea	NWSPC/f6mf	originArea	NWSPC/f6mf	
remoteName		remoteFamily		
tracks:	none.			
verify:				
type	state	addDate	lastUpdate	userLogin
duplicate				

original	accept			herrero

2447

history:

addDate	action	userLogin (userName)
	open	herrero (Vic Herrero)
	assign	herrero (Vic Herrero)
	design	vuozzo (Vuozzo, Michael)
	size	vuozzo (Vuozzo, Michael)
	review	herrero (Vic Herrero)
	note	herrero (Vic Herrero)
	accept	vuozzo (Vuozzo, Michael)
	verify	vuozzo (Vuozzo, Michael)
	close	herrero (Vic Herrero)

duplicate features: none.

duplicate defects: none.

sizing: none.

notes:

<Note by herrero (Vic Herrero), seq: 0 rel: 0
 action: open>
 NCO 1781.

HLD is included in the requirement.

<Note by herrero (Vic Herrero), seq: 0 rel: 0
 action: assign>
 This integration project is assigned to Mike Vuozzo.
 Old Owner: herrero
 New Owner: vuozzo

<Note by vuozzo (Vuozzo, Michael), seq: 0 rel: 0
 action: design>

This task requires the 4 subtasks outlined below.

name 2457
 abstract NCO 1781 - ISSI - Licensed. App. CGI/API modifications

Make the following enhancements

webprmt - Changes to use the hidden licensed product id and the license
 code entered by the user to look

up the code in the corresponding entitlement file.
 API - Record the Lotus Notes id, license product id, and
 license code in the log file.

name 2458
 abstract NCO 1781 - ISSI - Licensed. App. Load installs to INSTLOG
 table

Reporting Database - load the new fields to table INSTLOG (and corresponding table
 change).

name 2459
 abstract NCO 1781 - ISSI - Licensed. App. Develop LicenseRetriever.
 Develop the following utilities:

LicenseRetriever - new program that retrieves SHI data, creates entitlement files, and promotes
 entitlement file to Web site (model after PkgFinder).

Shell script (cron job) - runs LicenseRetriever, creates summary report, mails problems to
 OSP dev team (model after pkgfinder.sh).

Reporting Database - load the license data retrieved from SHI (entitlement files) into a new
 DB2 table for future reporting purposes. Fields
 include: product id,
 license code, quantity).

name 2484
 abstract NCO 1781 - ISSI - Licensed. App. Pagebuilder modifications

Make the following changes to Pagebuilder in support of licensed apps.

- Accept a new field in the .web file, "productid" . An alphanumeric string; up to 15 characters

- If productid is specified pagebuilder must put in the output file the following:

- Set authenticate=yes
- Set productid=specified id
- Insert Prompts:
 - Name: license
 - Format: alphanumeric string, up to 15 characters
 - Prompt: Enter the Purchase Order number from the software order Email

confirmation you received. This is required for a verification that will
 allow installation of this application from ISSI.

Name: userid
 Format: alphanumeric string, up to 100 characters
 Prompt: Enter your Lotus Notes ID (Example:
 Name/Location/IBM@IBMxx)

<Note by vuozzo (Vuozzo, Michael), eq: 0 rel: 0
 action: size>

Licensed. App. CGI/API modifications - 2 days

Licensed. App. Load installs to INSTLOG table - 2 days

Licensed. App. Develop License Retriever. - 12 days

Licensed. App. Pagebuilder modifications - 3 days
 (includes packager doc updates and training)

<Note by herrero (Vic Herrero), seq: 0 rel: 0

action: review>

Reviewed and approved by Vic Herrero on

<Note by herrero (Vic Herrero),

seq: 0 rel: 0

action: note>

PageBuilder/Packaging process changes need to be communicated to John MacDonald, Tim Silva, Ann Paleveda, and Jeff Bradley.

<Note by vuozzo (Vuozzo, Michael),

seq: 0 rel: 0

action: verify>

Feature is complete all sub features have been implemented.

Victor Herrero

Workstation Platforms Development

IBM Global Services - Operating Systems Platforms